



**PATENT**

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of:  
Antonius Helena Adolf BOM ET AL.

Serial No.: 10/049,393  
Filing Date: August 28, 2002

Title: USE OF CHEMICAL CHELATORS AS  
REVERSAL AGENTS FOR DRUG-INDUCED  
NEUROMUSCULAR BLOCK

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Docket: 1999.475US

Examiner: Leigh C. Maier

Group Art Unit: 1623

**CERTIFICATE OF MAILING**  
I hereby certify that this correspondence is  
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Addressed to: Commissioner for Patents,  
P.O. Box 1450, Alexandria, VA 22313-1450

on February 8, 2007

*Lynn Brush*  
Lynn Brush

02/12/2007 MBIZUNES 00000004 011350 10049393  
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**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

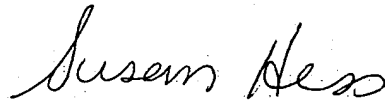
In accordance with the requirements of 37 CFR §1.56, applicants submit the documents attached hereto. Pursuant to the United States Patent and Trademark Office, OG Notice 05 August 2003, applicants have excluded the five (5) U.S. patent documents from the attachment. A listing of said documents on form PTO-1449 is also attached. The Examiner's attention is also directed to U.S. Patent No. 7,026,304B2 (cited by the Examiner in the Office Action dated July 20, 2006), U.S. Patent Nos. 6,949,527B2 and 6,670,340B1 (cited by the Examiner in the Office Action dated September 30, 2004 and Notice of Allowability, Interview Summary Record dated November 30, 2005) and the references cited on the cover page of these patents which are cited herein. All documents listed on the PTO-1449 are to be made of record in the above-identified case.

The present Information Disclosure Statement is being filed after the mailing date of the first Office Action dated August 7, 2006 pursuant to 37 C.F.R. §1.97(c). The Commissioner is hereby authorized to charge applicants' deposit account 01-1350 for the full amount of the fee set forth in 37 C.F.R. §1.17(p) for such filing.

This Statement is not intended to represent that no better art exists. Applicants reserve the right to contest the applicability of the documents attached hereto as prior art in the event that any information is discovered which demonstrates that said documents do not qualify as prior art.

Consideration of the present Supplemental Information Disclosure Statement is respectfully requested. The claimed invention is, however, deemed to represent a patentable departure from the teachings of the prior art.

Respectfully submitted,

A handwritten signature in cursive script that reads "Susan Hess".

Susan Hess  
Attorney for Applicant(s)  
Reg. No. 37,350

Akzo Nobel Inc.  
Intellectual Property Department  
120 White Plains Road Suite 300  
Tarrytown, NY 10591  
Tel No.: 973-422-7474

**PATENT**

**TRANSMITTAL LETTER**

In re Application of:

Antonius Helena Adolf BOM et al.

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For: USE OF CHEMICAL CHELATORS AS  
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on February 8, 2007

Lynn Brush  
Lynn Brush

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

☒ Transmitted herewith find the document(s) related to this application:

1. TRANSMITTAL LETTER IN DUPLICATE;
2. SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT;
3. PTO-1440 FORM;
4. DOCUMENTS (8);
5. CERTIFICATE OF MAILING; and
6. POST CARD

☐ Applicant hereby petitions for an extension of time under 37 CFR 1.136 of:

- |   |  |
|---|--|
| <input type="checkbox"/> One Month (\$ 120.00)    | <input type="checkbox"/> Two Months (\$ 450.00)  |
| <input type="checkbox"/> Three Months (\$1020.00) | <input type="checkbox"/> Four Months (\$1590.00) |

☒ **IDS Submission Fee (\$ 180.00)**


The total fee believed due is **\$180.00**. Please charge this amount and any other fees which may be due (including filing fees under 37 CFR 1.16 and processing fees under 37 CFR 1.17) to Deposit Account No. 01-1350. If an extension of time is required but has not been requested above, Applicant hereby petitions for an extension of time sufficient for the attached document(s) to be timely. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

Susan Hess

Susan Hess  
Attorney for Applicant(s)  
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|  |  |            |                        |   |          |                          |    |
|--|--|------------|------------------------|---|----------|--------------------------|----|
| <b>INFORMATION DISCLOSURE CITATION</b><br>(Use several sheets if necessary)<br>PTO-1449 (modified) |  |            |                        | Atty. Docket #<br>1999.475 US                 |          | Serial No.<br>10/049,393 |    |
|                   |  |            |                        | Applicant<br>Antonius Helena Adolf BOM et.al. |          |                          |    |
|  |  |            |                        | Filing Date<br>August 28, 2002                |          | Group Art Unit<br>1623   |    |
| <b>U.S. PATENT DOCUMENTS</b>   |  |            |                        |   |          |                          |    |
| Init   | Document Number  | Date       | Name                   | Class   | Subclass | Filing Date              |    |
|  | 3,929,813 A  | 12-1975    | Higuchi et.al.         | 260   | 296 M    |                          |    |
|  | 5,180,716 A  | 01-1993    | Yaksh et.al.           | 514   | 58       |                          |    |
|  | 5,767,112 A  | 06-1998    | Poli et.al.            | 514   | 172      |                          |    |
|  | 5,834,446 A  | 11-1998    | Dow et.al.             | 514   | 58       |                          |    |
|  | 5,840,881 A  | 11-1998    | Uda et.al.             | 536   | 46       |                          |    |
|  |  |            |                        |   |          |                          |    |
|  |  |            |                        |   |          |                          |    |
|  |  |            |                        |   |          |                          |    |
| <b>FOREIGN PATENT DOCUMENTS</b>  |  |            |                        |   |          |                          |    |
|  | Document Number  | Publ. Date | Country                | Class   | Subclass | Translation              |    |
|  |  |            |                        |   |          | Yes                      | No |
|  | 0 447 171 B1   | 09-1991    | European Patent Office | C08B  | 37/16    |                          |    |
|  | 11-246603  | 09-1999    | Japanese Patent Office | C08B  | 37/16    | X                        |    |
|  |  |            |                        |   |          |                          |    |
|  |  |            |                        |   |          |                          |    |
|  |  |            |                        |   |          |                          |    |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)</b>                      |  |            |                        |   |          |                          |    |
|  | Patent Abstracts of Japan Translation of JP 11-246603.   |            |                        |   |          |                          |    |
|  | Kuroda, Y. et al., "Dynamic Molecular Motions of <i>p</i> -Methylcinnamic Acid Included into $\beta$ -Cyclodextrin Derivatives: A New Type of Free-energy Relationship in Complex Formation," J. Chem. Soc. Perkin Trans. II, Vol. 10 (1989) pp.1409-1415. |            |                        |   |          |                          |    |
|  | Guillo, F. et al., "Synthesis of symmetrical cyclodextrin derivatives bearing multiple charges," Bull. Soc. Chim. Fr., Vol. 132 (1995) pp. 857-866.  |            |                        |   |          |                          |    |
|  | Baer, H. et al., "Heptakis [6-S-(2,3-dihydroxypropyl)-6-thio] cyclomaltoheptaose and its sulfone: water-soluble $\beta$ -cyclodextrin derivatives having modified polarity," Carbohydrate Research, Vol. 280 (1996) pp. 315-321.                           |            |                        |   |          |                          |    |
|  | Lindberg B. et al., "Synthesis of some 2-O-(2-hydroxyalkyl) and 2-O-(2,3-di-hydroxyalkyl) derivatives of cyclomaltoheptaose," Carbohydrate Research, NL, Elsevier Scientific Publishers B.V., Amsterdam Vol. 222, No. 1 (1991) pp. 113-119.                |            |                        |   |          |                          |    |
|  | Khan A. R. et al., "Methods for Selective Modifications of Cyclodextrins," Chemical Reviews, US, American Chemical Society, Easton, Vol. 98, No. 5, (1998) pp. 1977-1996.  |            |                        |   |          |                          |    |
|  |  |            |                        |   |          |                          |    |
|  |  |            |                        |   |          |                          |    |
| <b>EXAMINER</b>  |  |            |                        | <b>DATE CONSIDERED</b>                        |          |                          |    |

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.